L Number	Hits	Search Text	DB	Time stamp
	2189	((138/89) or (138/90)).CCLS.	USPAT;	2003/04/03 13:23
1	2189	((138/89) 01 (138/90)).CCL3.	US-PGPUB	2003/04/03 13:23
	0	(120/06 -) COL 9	USPAT;	2003/04/03 13:23
2	0	(138/96.r).CCLS.	US-PGPUB	2003/04/03 13.23
				2002/04/02 12:22
3	511	(138/96r).CCLS.	USPAT;	2003/04/03 13:23
		(0.00   0.00	US-PGPUB	2002/04/02 12 24
4	372	((220/229) or (220/782) or (220/786) or (220/791) or	USPAT;	2003/04/03 13:24
		(220/793)).CCLS.	US-PGPUB	
5	2545	((((138/89) or (138/90)).CCLS.) or ((138/96r).CCLS.)	USPAT;	2003/04/03 13:24
			US-PGPUB	
6	2912	(((((138/89) or (138/90)).CCLS.) or ((138/96r).CCLS.)) or	USPAT;	2003/04/03 13:24
		(((220/229) or (220/782) or (220/786) or (220/791) or	US-PGPUB	
		(220/793)).CCLS.)		
7	874297	polypropylene or pp or polyolefin or pe or polyethylene	USPAT;	2003/04/03 13:24
			US-PGPUB	
8	1351194	metal or rubber	USPAT;	2003/04/03 13:25
			US-PGPUB	
9	164831	tab or tabs	USPAT;	2003/04/03 13:25
		•	US-PGPUB	
10	44711	skirt	USPAT;	2003/04/03 13:25
			US-PGPUB	
11	251344	cap	USPAT;	2003/04/03 13:25
1		·	US-PGPUB	
12	1783361	(polypropylene or pp or polyolefin or pe or polyethylene) or (metal	USPAT;	2003/04/03 13:26
	1705501	or rubber)	US-PGPUB	
13	2021	((polypropylene or pp or polyolefin or pe or polyethylene) or (metal	USPAT;	2003/04/03 13:26
13	2021	or rubber)) and cap and skirt and (tab or tabs)	US-PGPUB	
14	1362	(((polypropylene or pp or polyolefin or pe or polyethylene) or (metal	USPAT;	2003/04/03 13:27
14	1302	or rubber)) and cap and skirt and (tab or tabs)) and plurality	US-PGPUB	
15	155	((((polypropylene or pp or polyolefin or pe or polyethylene) or	USPAT;	2003/04/03 13:33
13	133	((((polypropyletic of pp of polyberin of pe of polyberin) and cap and skirt and (tab or tabs)) and	US-PGPUB	2000,0 00 15.00
		plurality) and pipe	0510102	
16	1031	(((((138/89) or (138/90)).CCLS.) or ((138/96r).CCLS.)) or	USPAT;	2003/04/03 13:33
10	1031	((((138/87) of (138/70)).cechs.) of ((138/701).cechs.)) of ((((220/229) or (220/782) or (220/786) or (220/791) or	US-PGPUB	2003/01/02 10:00
		((220/793)).CCLS.)) and ((polypropylene or pp or polyolefin or pe or	0010102	
		polyethylene) or (metal or rubber))		
17	254	(((((138/89) or (138/90)).CCLS.) or ((138/96r).CCLS.)) or	USPAT;	2003/04/03 13:34
17 .	254	((((138/87) of (138/80)).eee.s.) of ((138/87).eee.s.) of (((220/229) or (220/782) or (220/786) or (220/791) or	US-PGPUB	2000/01/05 15:51
		((220/793)).CCLS.)) and (tab or tabs)	05-1 GI 02	
10	100		USPAT;	2003/04/03 13:34
18	198	((((220/229) or (220/782) or (220/786) or (220/791) or	US-PGPUB	2003/01/03 13:31
		(((220/793)).CCLS.)) and skirt	35 1 31 35	
10	105	(((((((138/89) or (138/90)).CCLS.)) or ((138/96r).CCLS.)) or	USPAT;	2003/04/03 13:34
19	185	(((((138/89) or (138/90)).CCLS.) or ((138/90).CCLS.)) or (((220/229) or (220/782) or (220/786) or (220/791) or	US-PGPUB	2003/04/03 13:34
		(((220/793)).CCLS.)) and (tab or tabs)) and (((((138/89) or	00.70.00	
		(138/90)).CCLS.) or ((138/96r).CCLS.)) or (((220/229) or		
		(220/782) or (220/786) or (220/791) or (220/793)).CCLS.)) and		
		((polypropylene or pp or polyolefin or pe or polyethylene) or (metal		
20		or rubber)))	USPAT;	2003/04/03 13:37
20	53		US-PGPUB	200310-103 13.37
	-	(((220/229) or (220/782) or (220/786) or (220/791) or	03-10100	
		(220/793)).CCLS.)) and skirt) and (((((((138/89) or		
		(138/90)).CCLS.) or ((138/96r).CCLS.)) or (((220/229) or		
		(220/782) or (220/786) or (220/791) or (220/793)).CCLS.)) and (tab		
		or tabs)) and ((((((138/89) or (138/90)).CCLS.) or		
		((138/96r).CCLS.)) or (((220/229) or (220/782) or (220/786) or		
		(220/791) or (220/793)). CCLS.)) and ((polypropylene or pp or		
	1	polyolefin or pe or polyethylene) or (metal or rubber))))		

				<u></u>
21	132	((((((((138/89) or (138/90)).CCLS.) or ((138/96r).CCLS.)) or	USPAT;	2003/04/03 13:45
		(((220/229) or (220/782) or (220/786) or (220/791) or	US-PGPUB	
		(220/793)).CCLS.)) and (tab or tabs)) and ((((((138/89) or		
		(138/90)).CCLS.) or ((138/96r).CCLS.)) or (((220/229) or		
		(220/782) or (220/786) or (220/791) or (220/793)).CCLS.)) and		
		((polypropylene or pp or polyolefin or pe or polyethylene) or (metal		
		or rubber)))) not (((((((138/89) or (138/90)).CCLS.) or		
		((138/96r).CCLS.)) or (((220/229) or (220/782) or (220/786) or		
		(220/791) or (220/793)).CCLS.)) and skirt) and (((((((138/89) or		
1		(138/90)).CCLS.) or ((138/96r).CCLS.)) or (((220/229) or		
		(220/782) or (220/786) or (220/791) or (220/793)).CCLS.)) and (tab		
		or tabs)) and (((((((138/89) or (138/90)).CCLS.) or		
		((138/96r).CCLS.)) or (((220/229) or (220/782) or (220/786) or		
		(220/791) or (220/793)).CCLS.)) and ((polypropylene or pp or		
		polyolefin or pe or polyethylene) or (metal or rubber)))))		
22	4	("3208620"   "3297193"   "3716162"   "3759415").PN.	USPAT	2003/04/03 13:42
25	185	((((((((138/89) or (138/90)).CCLS.) or ((138/96r).CCLS.)) or	USPAT;	2003/04/03 13:46
		(((220/229) or (220/782) or (220/786) or (220/791) or	US-PGPUB	
		(220/793)).CCLS.)) and (tab or tabs)) and ((((((138/89) or		
		(138/90)).CCLS.) or ((138/96r).CCLS.)) or (((220/229) or		
		(220/782) or (220/786) or (220/791) or (220/793)).CCLS.)) and		
		((polypropylene or pp or polyolefin or pe or polyethylene) or (metal		
		or rubber)))) or (((((((138/89) or (138/90)).CCLS.) or		
		((138/96r).CCLS.)) or (((220/229) or (220/782) or (220/786) or		
		(220/791) or (220/793)).CCLS.)) and skirt) and (((((((138/89) or		
		(138/90)).CCLS.) or ((138/96r).CCLS.)) or (((220/229) or		
		(220/782) or (220/786) or (220/791) or (220/793)).CCLS.)) and (tab		
		or tabs)) and (((((((138/89) or (138/90)).CCLS.) or		
		((138/96r).CCLS.)) or (((220/229) or (220/782) or (220/786) or		
		(220/791) or (220/793)).CCLS.)) and ((polypropylene or pp or		
		polyolefin or pe or polyethylene) or (metal or rubber)))))		
26	145	(((((((138/89) or (138/90)).CCLS.)) or ((138/96r).CCLS.)) or	USPAT;	2003/04/03 13:57
20	1.5	((((220/229) or (220/782) or (220/786) or (220/791) or	US-PGPUB	
		((220/793)).CCLS.)) and skirt) not ((((((138/89) or		
		(138/90)).CCLS.) or ((138/96r).CCLS.)) or (((220/229) or		
		(220/782) or (220/786) or (220/791) or (220/793)).CCLS.)) and (tab		
		or tabs)) and ((((((138/89) or (138/90)).CCLS.) or		
		((138/96r).CCLS.)) or (((220/229) or (220/782) or (220/786) or		
		(220/791) or (220/793)).CCLS.)) and ((polypropylene or pp or		
		polyolefin or pe or polyethylene) or (metal or rubber)))) or		
		((((((((138/89) or (138/90)).CCLS.) or ((138/96r).CCLS.)) or		
		(((220/229) or (220/782) or (220/786) or (220/791) or		
		((220/793)).CCLS.)) and skirt) and ((((((138/89) or		
		(138/90)).CCLS.) or ((138/96r).CCLS.)) or (((220/229) or		
		(220/782) or (220/786) or (220/791) or (220/793)).CCLS.)) and (tab		
		or tabs)) and ((((((138/89) or (138/90)).CCLS.)) or		
		((138/96r).CCLS.)) or (((220/229) or (220/782) or (220/786) or		
		(220/791) or (220/793)).CCLS.)) and ((polypropylene or pp or	1	
		polyolefin or pe or polyethylene) or (metal or rubber))))))		
27	10		USPAT	2003/04/03 13:52
21	10	"2977993"   "3485271"   "3490488"   "3496964"   "3744528").PN.		
37	5	("2596182"   "2956822"   "3048911"   "3254153"   "0891109").PN.	USPAT	2003/04/03 13:54
43	3	("1894711"   "2157867"   "2956822").PN.	USPAT	2003/04/03 13:55
47	14		USPAT	2003/04/03 13:56
4/	14	5565 / TO. Old 14.	701111	1 = 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3

40	220	(((((((138/89) or (138/90)).CCLS.) or ((138/96r).CCLS.)) or	USPAT;	2003/04/03 13:58
48	330	(((((138/89) or (138/90)).CCES.) or ((138/90).CCES.)) or (((220/229) or (220/782) or (220/786) or (220/791) or	US-PGPUB	2005/04/05 15.50
		(((220/793)).CCLS.)) and skirt) or ((((((138/89) or	05-1 01 0D	
		(138/90)).CCLS.) or ((138/96r).CCLS.)) or (((220/229) or		
		(138/90)).CCL3.) of ((138/90).CCL3.)) of (((220/225) of ((220/782) or (220/786) or (220/791) or (220/793)).CCL3.)) and (tab		
		or tabs)) and ((((((138/89) or (138/90)).CCLS.)) and ((ab		
		or tabs)) and (((((136/69) or (136/90)).CCL3.) or (130/796) or		
		((138/96r).CCLS.)) or (((220/229) or (220/782) or (220/786) or		
		(220/791) or (220/793)).CCLS.)) and ((polypropylene or pp or		
		polyolefin or pe or polyethylene) or (metal or rubber)))) or		
		((((((((138/89) or (138/90)).CCLS.) or ((138/96r).CCLS.)) or		
		(((220/229) or (220/782) or (220/786) or (220/791) or		
		(220/793)).CCLS.)) and skirt) and ((((((138/89) or		
		(138/90)).CCLS.) or ((138/96r).CCLS.)) or (((220/229) or		
		(220/782) or (220/786) or (220/791) or (220/793)).CCLS.)) and (tab		
		or tabs)) and ((((((138/89) or (138/90)).CCLS.) or		
		((138/96r).CCLS.)) or (((220/229) or (220/782) or (220/786) or		
		(220/791) or (220/793)).CCLS.)) and ((polypropylene or pp or		
		polyolefin or pe or polyethylene) or (metal or rubber))))))	TIOD AT:	2002/04/02 14:01
49	51		USPAT;	2003/04/03 14:01
	1	(((220/229) or (220/782) or (220/786) or (220/791) or	US-PGPUB	
		(220/793)).CCLS.)) and (tab or tabs)) not (((((((138/89) or		
	1	(138/90)).CCLS.) or ((138/96r).CCLS.)) or (((220/229) or		
		(220/782) or (220/786) or (220/791) or (220/793)).CCLS.)) and		
		skirt) or (((((((((138/89) or (138/90)).CCLS.)) or ((138/96r).CCLS.))		
		or (((220/229) or (220/782) or (220/786) or (220/791) or		
		(220/793)). CCLS.)) and (tab or tabs)) and ((((((138/89) or		
		(138/90)).CCLS.) or ((138/96r).CCLS.)) or (((220/229) or		
		(220/782) or (220/786) or (220/791) or (220/793)).CCLS.)) and		
		((polypropylene or pp or polyolefin or pe or polyethylene) or (metal		
		or rubber)))) or ((((((((138/89) or (138/90)).CCLS.) or		
		((138/96r).CCLS.)) or (((220/229) or (220/782) or (220/786) or		
		(220/791) or (220/793)).CCLS.)) and skirt) and (((((((138/89) or		
	1	(138/90)).CCLS.) or ((138/96r).CCLS.)) or (((220/229) or		
	1	(220/782) or (220/786) or (220/791) or (220/793)).CCLS.)) and (tab		
	1	or tabs)) and ((((((138/89) or (138/90)).CCLS.) or		
		((138/96r).CCLS.)) or (((220/229) or (220/782) or (220/786) or		
		(220/791) or (220/793)). CCLS.)) and ((polypropylene or pp or		
		polyolefin or pe or polyethylene) or (metal or rubber)))))))		
50	381	(((((((138/89) or (138/90)).CCLS.) or ((138/96r).CCLS.)) or	USPAT;	2003/04/03 14:01
	1	(((220/229) or (220/782) or (220/786) or (220/791) or	US-PGPUB	
		(220/793)).CCLS.)) and (tab or tabs)) or ((((((138/89) or		
	İ	(138/90)).CCLS.) or ((138/96r).CCLS.)) or (((220/229) or		
		(220/782) or (220/786) or (220/791) or (220/793)).CCLS.)) and		
		skirt) or ((((((((((138/89) or (138/90)).CCLS.)) or ((138/96r).CCLS.))		
		or (((220/229) or (220/782) or (220/786) or (220/791) or		
		(220/793)).CCLS.)) and (tab or tabs)) and ((((((138/89) or		
		(138/90)).CCLS.) or ((138/96r).CCLS.)) or (((220/229) or		
		(220/782) or (220/786) or (220/791) or (220/793)).CCLS.)) and		
		((polypropylene or pp or polyolefin or pe or polyethylene) or (metal		
		or rubber)))) or (((((((138/89) or (138/90)).CCLS.) or		
		((138/96r).CCLS.)) or (((220/229) or (220/782) or (220/786) or		
		(220/791) or (220/793)).CCLS.)) and skirt) and (((((((138/89) or		
		(138/90)).CCLS.) or ((138/96r).CCLS.)) or (((220/229) or		
1		(220/782) or (220/786) or (220/791) or (220/793)).CCLS.)) and (tab		
		or tabs)) and ((((((138/89) or (138/90)).CCLS.)) or		
1		((138/96r).CCLS.)) or (((220/229) or (220/782) or (220/786) or		
		((220/791) or (220/793)).CCLS.)) and ((polypropylene or pp or		
		polyolefin or pe or polyethylene) or (metal or rubber)))))))		
I	1	polyoieth of pe of polyethylene) of (metal of hubber ),),)))	<u> </u>	l

51	759	(((((((138/89) or (138/90)).CCLS.) or ((138/96r).CCLS.)) or	USPAT;	2003/04/03 14:21
31	139	(((((136/89) or (136/89)).ccab.) or ((136/801).ccab.)) or ((((220/229) or (220/782) or (220/786) or (220/791) or	US-PGPUB	2000,0 1,00
		((220/793)).CCLS.)) and ((polypropylene or pp or polyolefin or pe or	0510102	
		polyethylene) or (metal or rubber))) not (((((((138/89) or		
		(138/90)).CCLS.) or ((138/96r).CCLS.)) or (((220/229) or		
		(220/782) or (220/786) or (220/791) or (220/793)).CCLS.)) and (tab		
		or tabs)) or ((((((((138/89) or (138/90)).CCLS.) or		
		((138/96r).CCLS.)) or (((220/229) or (220/782) or (220/786) or		
		(220/791) or (220/793)).CCLS.)) and skirt) or ((((((((138/89) or		
		(138/90)).CCLS.) or ((138/96r).CCLS.)) or (((220/229) or		
		(220/782) or (220/786) or (220/791) or (220/793)).CCLS.)) and (tab		
		or tabs)) and (((((((138/89) or (138/90)).CCLS.) or		
		((138/96r).CCLS.)) or (((220/229) or (220/782) or (220/786) or		
		(220/791) or (220/793)).CCLS.)) and ((polypropylene or pp or		
		polyolefin or pe or polyethylene) or (metal or rubber)))) or		
		((((((((138/89) or (138/90)).CCLS.) or ((138/96r).CCLS.)) or		
		(((220/229) or (220/782) or (220/786) or (220/791) or		
		(220/793)).CCLS.)) and skirt) and ((((((138/89) or		
		(138/90)).CCLS.) or ((138/96r).CCLS.)) or (((220/229) or		
		(220/782) or (220/786) or (220/791) or (220/793)).CCLS.)) and (tab		
		or tabs)) and (((((((138/89) or (138/90)).CCLS.) or		İ
		((138/96r).CCLS.)) or (((220/229) or (220/782) or (220/786) or		
		(220/791) or (220/793)).CCLS.)) and ((polypropylene or pp or		
		polyolefin or pe or polyethylene) or (metal or rubber))))))))		1
52	1140	((((((138/89) or (138/90)).CCLS.) or ((138/96r).CCLS.)) or	USPAT;	2003/04/03 14:22
32	1140	((((220/229) or (220/782) or (220/786) or (220/791) or	US-PGPUB	
		((220/793)).CCLS.)) and ((polypropylene or pp or polyolefin or pe or	0010102	
		polyethylene) or (metal or rubber))) or ((((((138/89) or		
		(138/90)).CCLS.) or ((138/96r).CCLS.)) or (((220/229) or	i	
		(138/30)).CCLS.) of (138/30).CCLS.)) of ((220/782) or (220/786) or (220/791) or (220/793)).CCLS.)) and (tab		
		or tabs)) or (((((((138/89) or (138/90)).CCLS.)) or		
		((120/06)) Of ((((((136/69) Of (136/90)).CCL3.) Of		
		((138/96r).CCLS.)) or (((220/229) or (220/782) or (220/786) or		
		(220/791) or (220/793)).CCLS.)) and skirt) or (((((((138/89) or		
		(138/90)).CCLS.) or ((138/96r).CCLS.)) or (((220/229) or		
		(220/782) or (220/786) or (220/791) or (220/793)).CCLS.)) and (tab		1
		or tabs)) and ((((((138/89) or (138/90)).CCLS.) or		
		((138/96r).CCLS.)) or (((220/229) or (220/782) or (220/786) or		
		(220/791) or (220/793)).CCLS.)) and ((polypropylene or pp or		
		polyolefin or pe or polyethylene) or (metal or rubber)))) or	ĺ	
		(((((((((138/89) or (138/90)).CCLS.)) or ((138/96r).CCLS.)) or		
		(((220/229) or (220/782) or (220/786) or (220/791) or		
		(220/793)). CCLS.)) and skirt) and ((((((138/89) or		
		(138/90)).CCLS.) or ((138/96r).CCLS.)) or (((220/229) or		
		(220/782) or (220/786) or (220/791) or (220/793)).CCLS.)) and (tab		
		or tabs)) and (((((((138/89) or (138/90)).CCLS.) or		
		((138/96r).CCLS.)) or (((220/229) or (220/782) or (220/786) or		
		(220/791) or (220/793)).CCLS.)) and ((polypropylene or pp or		
i	1	polyolefin or pe or polyethylene) or (metal or rubber))))))))	1	

53	1772	((((((138/89) or (138/90)).CCLS.) or ((138/96r).CCLS.)) or	USPAT;	2003/04/03 14:22
		(((220/229) or (220/782) or (220/786) or (220/791) or	US-PGPUB	
	1	(220/793)).CCLS.)) not (((((((138/89) or (138/90)).CCLS.) or		
		((138/96r).CCLS.)) or (((220/229) or (220/782) or (220/786) or		
		(220/791) or (220/793)). CCLS.)) and ((polypropylene or pp or		
		polyolefin or pe or polyethylene) or (metal or rubber))) or		
		((((((((138/89) or (138/90)).CCLS.)) or ((138/96r).CCLS.)) or		
		(((220/229) or (220/782) or (220/786) or (220/791) or		
		(220/793)).CCLS.)) and (tab or tabs)) or ((((((138/89) or		
		(138/90)).CCLS.) or ((138/96r).CCLS.)) or (((220/229) or		
		(220/782) or (220/786) or (220/791) or (220/793)).CCLS.)) and		
		skirt) or ((((((((((138/89) or (138/90)).CCLS.)) or ((138/96r).CCLS.))		
		or (((220/229) or (220/782) or (220/786) or (220/791) or		
		(220/793)).CCLS.)) and (tab or tabs)) and ((((((138/89) or		
		(138/90)).CCLS.) or ((138/96r).CCLS.)) or (((220/229) or	1	
		(220/782) or (220/786) or (220/791) or (220/793)).CCLS.)) and		
		((polypropylene or pp or polyolefin or pe or polyethylene) or (metal		
		or rubber)))) or ((((((((138/89) or (138/90)).CCLS.) or		
		((138/96r).CCLS.)) or (((220/229) or (220/782) or (220/786) or		
	9	(220/791) or (220/793)).CCLS.)) and skirt) and (((((((138/89) or		
		(138/90)).CCLS.) or ((138/96r).CCLS.)) or (((220/229) or		
		(220/782) or (220/786) or (220/791) or (220/793)).CCLS.)) and (tab		
		or tabs)) and ((((((138/89) or (138/90)).CCLS.) or		
		((138/96r).CCLS.)) or (((220/229) or (220/782) or (220/786) or		
		(220/791) or (220/793)).CCLS.)) and ((polypropylene or pp or		
		polyolefin or pe or polyethylene) or (metal or rubber))))))))		